

Rabbit Anti-SATB1 antibody

SLM-60618R

Product Name SATB1

Immunogen Species Rabbit

Clonality Monoclonal

Clone NO. H6D4

React Species Human,Mouse,Rat

WB=1:500-2000,IHC-P=1:50-200,IHC-F=1:50-200,ICC/IF=1:100-500,IF=1:50-200,Flow-Cyt= (Paraffin sections need antigen repair)

Applications not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Cellular localization The nucleus

Form Liquid

Concentration 1mg/ml

Isotype IgG

Purification Affinity purified by Protein A

Buffer Solution 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

Storage Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

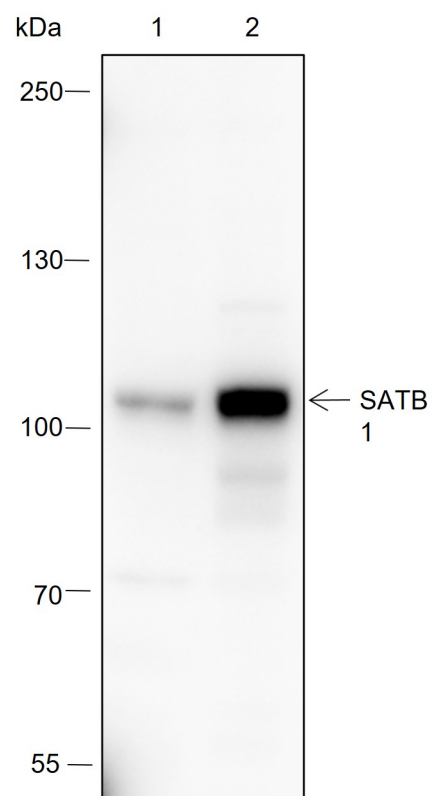
Attention This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PubMed [PubMed](#)

Product Detail

促成 Xist RNA 介导的 X 失活启动的关键沉默因子, 发生在胚胎发生和淋巴瘤中。在富含特殊序列 (共有 SATB1 结合序列 (CSBS), 在核基质或支架相关区域) 与 DNA 结合。该双链 DNA 的糖磷酸结构。通过与 DNA 的基质附着区 (MAR) 结合并诱导局部染色质环磷酸化和乙酰化状态依赖性方式控制核和病毒基因表达的转录抑制因子。作为几种染色质 (例如 MHC-I 位点的 PML) 的停靠位点, 还可以直接向启动子和增强子募集辅抑制因子或辅激活因子 (HAT)。调节对来自胸腺细胞的免疫 T 细胞 CD8SP 的成熟至关重要的基因转换胎儿珠蛋白种类, 以及在红 Cell differentiation 过程中调节 β 和 γ 珠蛋白基因。

**Product
Picture**



Blocking buffer: 5% NFDm/TBST

Primary ab dilution: 1:2000

Primary ab incubation condition: 2 hours at room temperature

Secondary ab: Goat Anti-Rabbit IgG H&L (HRP)

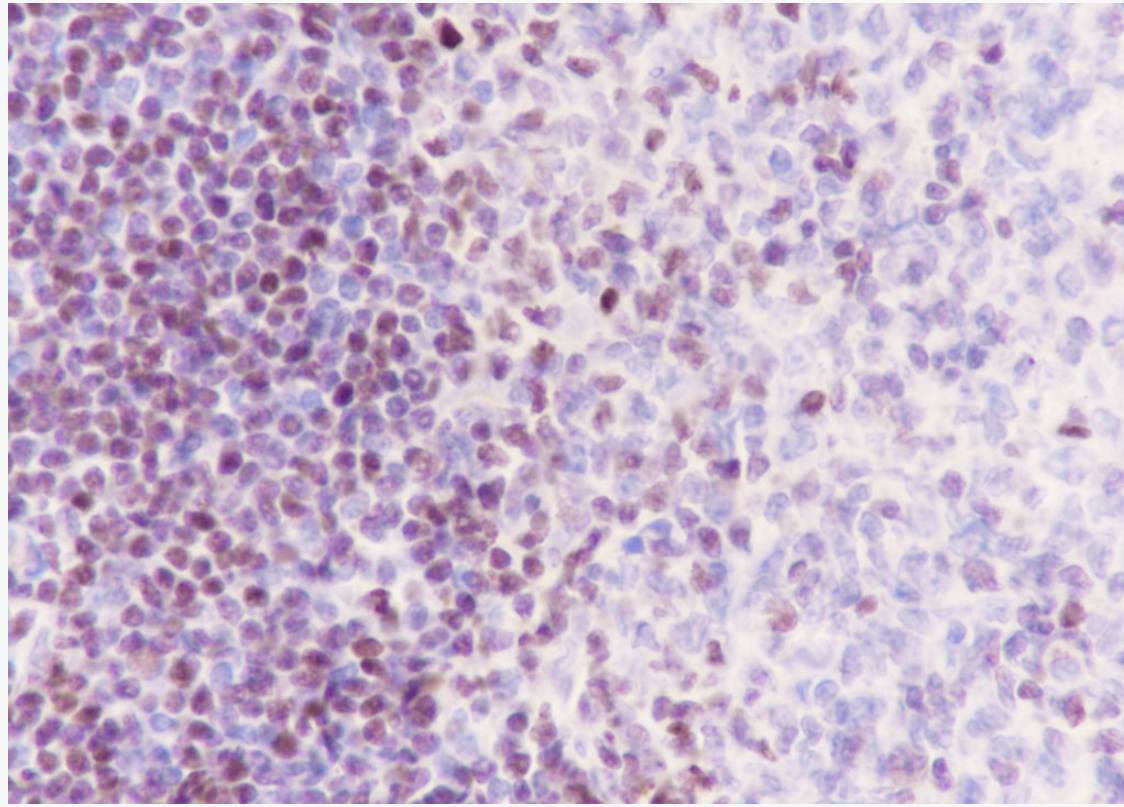
Lysate: 1: Jurkat, 2: THP-1

Protein loading quantity: 20 μ g

Exposure time: 60 s

Predicted MW: 86 kDa

Observed MW: 100 kDa



Tissue: Human tonsil

Section type: Formalin fixed & Paraffin -embedded section

Retrieval method: High temperature and high pressure

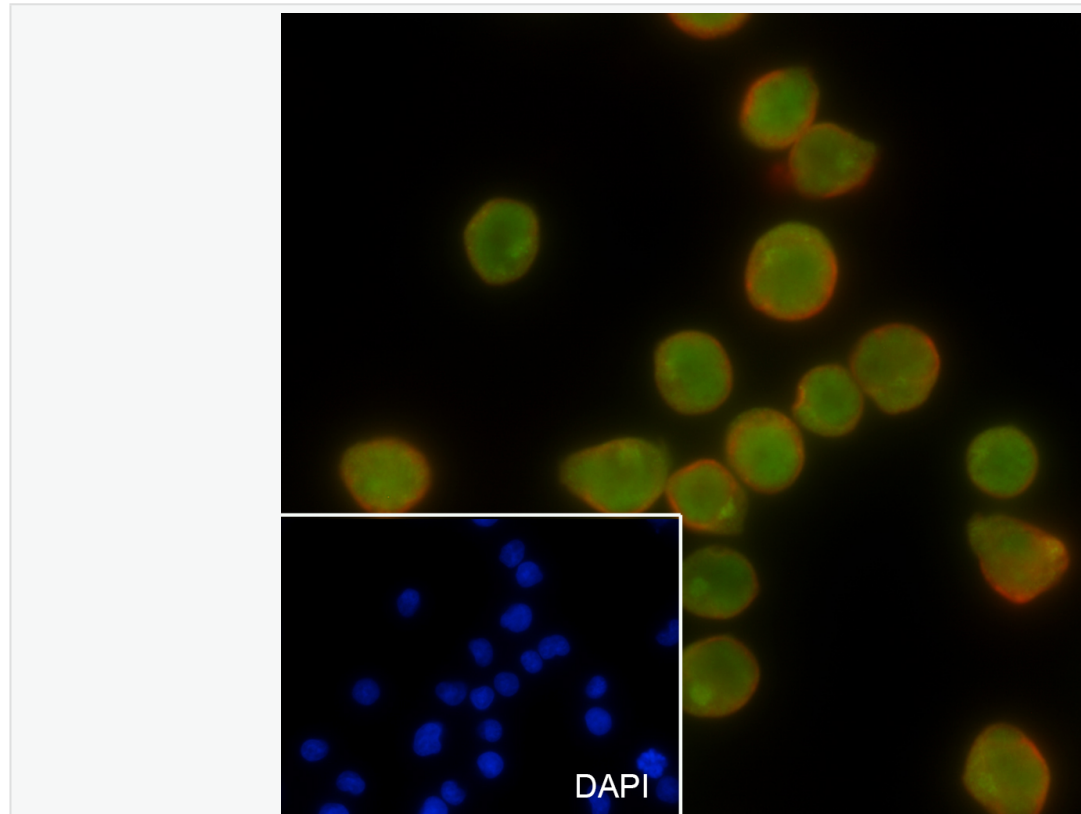
Retrieval buffer: Tris/EDTA buffer, pH 9.0 Primary ab dilution: 1:1000

Primary ab incubation condition: 1 hour at room temperature

Secondary ab: SP Kit(Rabbit) (sp-0023)

Counter stain: Hematoxylin (Blue)

Comment: Color brown is the positive signal for SLM-60618R



Cell line: Jurkat

Fixative: 4% Paraformaldehyde

Permeabilization: 0.1% TritonX-100

Primary ab dilution: 1:50

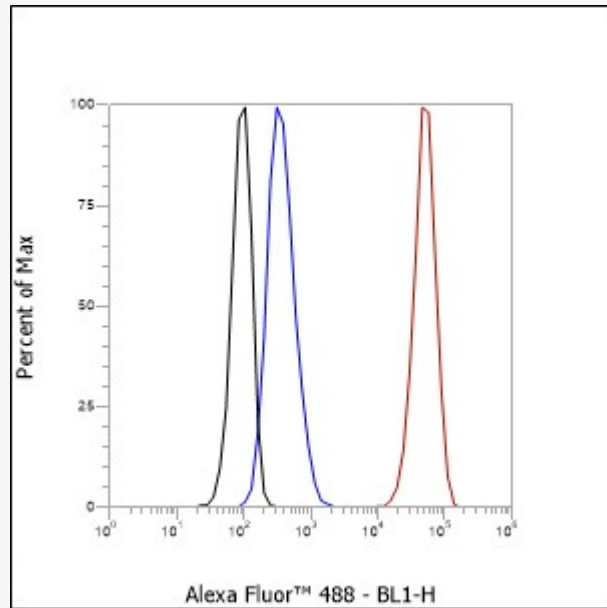
Primary incubation condition: 4°C overnight

Secondary ab: Goat Anti-Rabbit IgG

Nuclear counter stain: DAPI (Blue)

Counter stain: Tubulin (Red)

Comment: Color green is the positive signal for SLM-60618R



Cell line: Jurkat

Fixative: 4% Paraformaldehyde

Permeabilization: 90% Methanol

Primary ab dilution: 1:100

Secondary ab: Goat anti Rabbit IgG

Unlabelled control: The cell without incubation with primary antibody and secondary antibody (black line).

Isotype control: Rabbit monoclonal IgG (Blue line).

Comment: Line red is the positive signal for SLM-60618R